

Appl. No. 10/669,969
Arndt. Dated Aug. 24, 2004
Reply to Office Action of May 24, 2004

REMARKS

Applicant appreciates indication of the allowabilities of claims 8-9 and 12. Claims 14-24 are canceled. Applicants confirm election of claims 1-13 for prosecution.

Claim Rejections under 35 U.S.C. 102

Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Barabi (6046597).

Applicants have amended independent claim 1 to incorporate novel limitations thereto for removing the rejection thereof. By such amendments, applicants believe that amended claim 1 is now patentable over the cited prior arts. Detailed explanations are given below. Claims 10-11 and claim 7 are cancelled.

Regarding amended claim 1, an electrical connector defined therein comprises a dielectric housing defining a passageway extending from a first face to a second face which is adjacent to the first face, an electrical contact received in the passageway and being movable with respect to the housing, a biasing spring arranged in the housing and applying a driving force to the contact and an actuator coupled with the contact so as to move the contact within the passageway.

Barabi discloses an electrical connector 20 for interconnecting two printed circuit boards comprising a dielectric housing 20 defining a passageway extending from a first face to a second face, an electrical contact 29 received in the passageway and being moveable with respect to the housing 20 and a biasing spring 55 arranged in the housing 20 and applying a driving force to the contact 29. It is clear that the actuator of claim 1 is not disclosed by Barabi. Thus, Barabi can not anticipate claim 1. Claim 1 should be allowable.

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Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Buck et al. (5069627).

Buck et al. discloses an electrical connector 20 for interconnecting two printed circuit boards 30 and 32 comprising a dielectric housing 24 defining a passageway, an electrical contact 26 received in the passageway and a biasing spring 44 arranged in the housing 24 and applying a driving force to the contact 26. Buck et al. still does not disclose the actuator of amended claim 1. Thus, claim 1 should be allowable.

Claims 1, 10, 11 and 13 are rejected under 35 U.S.C. 102(b) as being anticipated by Hikami et al. (4846729).

Hikami et al. discloses an electrical connector for interconnecting two printed circuit boards 10 and a mother board comprising a dielectric housing 1 defining a passageway 2, an electrical contact 3 received in the passageway 2 and being moveable with respect to the housing 1 and a biasing spring 5 arranged in the housing 1 and applying a driving force to the contact 3, shown in FIGS. 4-5. It is clear that Hikami et al. does not disclose the feature of actuator. Thus, Hikami et al. can not anticipate claim 1. Claim 1 should be allowable.

Claim 11 has been amended to include the allowable subject matters of the original claim 12, and thus is patentable.

Claim 13 should be allowable since it is directly dependent from claim 11.

Claims 1, 3-5 and 7 are rejected under 35 U.S.C. 102(b) as being anticipated by Korsunsky et al. (6439930).

Korsunsky et al. discloses an electrical connector for interconnecting two printed circuit boards 31 and 35 comprising a dielectric housing 10 defining a passageway 13 extending from a first face to a second face which is adjacent to the first face, an electrical contact 21 received in the passageway 13 and a biasing

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spring 21d arranged in the housing and applying a driving force to the contact 21. However, Korsunsky does not disclose the feature of actuator. Thus, amended claim 1 should be allowable.

Claims 3-5 and 7 should also be allowable since they are dependent from claim 1, directly or indirectly.

Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Cosmo (4593961).

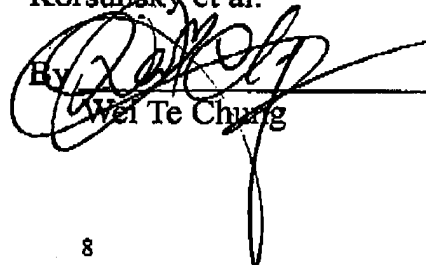
Cosmo discloses an electrical connector 50 for interconnecting two printed circuit board 60 and 54 comprising a dielectric housing 52 defining a passageway extending from a first face to a second face, an electrical contact 68 received in the passageway and being moveable with respect to the housing 52 and a biasing spring 64 arranged in the housing 52 and applying a driving force to the contact 68. However, from description or drawings of Cosmo, we can not see the actuator as disclosed in amended claim 1. Thus, amended claim 1 should also be allowable.

Claims 2-6 should be allowable since they are dependent from claim 1, directly or indirectly.

The newly added claim 25 includes the allowable subject matters of the original claim 8. The newly added claim 26 includes the allowable subject matters of the original claim 9. Both of claims 25 and 26 are patentable.

In view of the above claim amendments and remarks, the subject application is believed to be in a condition for allowance and an action to such effect is earnestly solicited.

Respectfully submitted,
Korsunsky et al.

By 
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